

# Does a solar roof need an inverter





## Overview

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Do I need an inverter for my solar panels?

An inverter is necessary when you are using solar panels in a hybrid system for your home. Its primary role is to convert the DC voltage generated by the solar panels and batteries into AC power for home appliances.

Are all solar panel inverters the same?

Although they effectively do the same thing, all solar panel inverters are not the same. Most PV systems will have one 'string' inverter, but in situations where there is potential shading on some of the panels, or the panels point in more than one direction, then more than one inverter can be used, potentially on shorter 'strings'.

Why are solar panel inverters important?

Renewables energy expert, David Hilton, explains the importance of solar panel inverters and the part they play in generating electricity for your home. In basic terms, solar PV panels generate electricity from the light of the sun. The brighter the sun, the more energy they generate.

Should you install a rooftop solar system with a larger inverter?

Installing rooftop solar systems with a total panel capacity greater than the inverter capacity is usually a very good idea. It will certainly save you money, but it can also help get around the restrictions many Australians face on the size of inverter they can connect to the grid.



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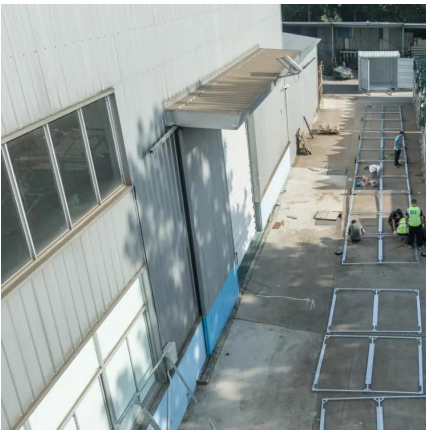
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